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WISCONSIN ECONOMIC INDICATORS

DECEMBER 1990

DILHR

DEPARTMENT OF
INDUSTRY, LABOR & HUMAN RELATIONS

WISCONSIN DATA AND SOURCES

	INDICATOR	SOURCES
L1	Composite Index of Leading Indicators	Wi. Dept. of Industry, Labor and Human Relations
L2	Average Work Week, Manufacturing	Wi. Dept. of Industry, Labor and Human Relations
L3	Average Overtime Hours, Mfg.	Wi. Dept. of Industry, Labor and Human Relations
L4	Average Weekly Initial Claims	Wi. Dept. of Industry, Labor and Human Relations
L5	Total Job Openings Received	Wi. Dept. of Industry, Labor and Human Relations
L6	New Business Incorporations	Wisconsin Secretary of State
L7	Net Gain in Business Phone Access Lines	Wi. Telephone Co. and General Telephone Co.
L8	Building Plans Examined	Wi. Dept. of Industry, Labor and Human Relations
C1	Help-Wanted Advertising Index (Milw.)	National Industrial Conference Board
C2	Total Unemployment Rate	Wi. Dept. of Industry, Labor and Human Relations
C3	Natural Gas Sales	Wisconsin Public Service Commission
C4	New Car Registrations	Wi. Dept. of Transportation
C5	Electric Power Sales	Wisconsin Public Service Commission
C6	Total Security Registrations	Wisconsin Commissioner of Securities
C7	Manufacturing Employment	Wi. Dept. of Industry, Labor and Human Relations
C8	Average Weekly Earnings, Mfg.	Wi. Dept. of Industry, Labor and Human Relations
C9	Cash Receipts From Farm Marketing	U.S. Department of Agriculture
C10	Contract Construction Employment	Wi. Dept. of Industry, Labor and Human Relations
X1	Birth Registrations	Wi. Dept. of Health and Social Services
X2	Death Registrations	Wi. Dept. of Health and Social Services
X3	Natural Net Gain in Population	Wi. Dept. of Health and Social Services
X4	Marriage Registrations	Wi. Dept. of Health and Social Services
X5	Consumer Price Index (Milwaukee)	U.S. Bureau of Labor Statistics
X6	Index of Prices Received By Farmers	Wisconsin Department of Agriculture
X7	Net Gain in Residential Phone Access Lines	Wi. Telephone Co. and General Telephone Co.
X8	Labor Disputes, No. of Workers	Wi. Dept. of Industry, Labor and Human Relations
X9	Unemployment Compensation Exhaustees	Wi. Dept. of Industry, Labor and Human Relations

NOTES: Selected series are seasonally adjusted by the Bureau of the Census X-11 Variant of the census Method 11 Seasonal Adjustment Program.

SECTION A is a summary of recent data and current changes for all indicators and is presented in chart form. The indicators are presented with cyclical timing as the principle basis of classification.

SECTION B is a summary of Wisconsin Labor Force Estimates, including Employment, Unemployment and Unemployment Rates, and selected U.S. data.

SECTION C analyzes the Wisconsin labor force by industry and by specified Metropolitan Statistical Areas.

SECTION D singles out certain economic time series as being leading of coinciding in relation to movements in aggregate economic activity. They are seasonally adjusted and presented graphically.

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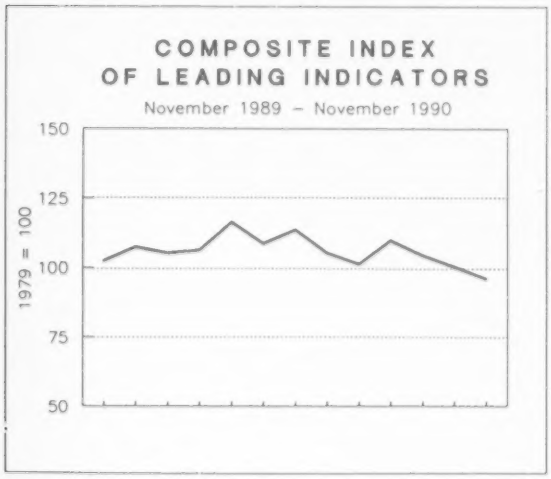
WISCONSIN ECONOMIC INDICATORS

SUMMARY FOR NOVEMBER

COMPOSITE INDEX

Wisconsin's Composite Index of leading economic indicators declined 4.5 percentage points in November, bringing the index to 96.1 for the month. This is the third consecutive month of declines in the index and the first time since July of 1989 that the index registered under one-hundred points.

Most, but not all, indicators had downward trends in November. Contributing heavily to the index decrease was a large decrease in the average weekly overtime hours worked in manufacturing. Somewhat retarding the index slide were positive trends in job openings received at public Job Service offices and in the number of building plans examined.



LEADING INDICATORS

The average workweek in Wisconsin's manufacturing industries decreased to 40.7 hours in November. That is a one hour drop from the month-earlier level. A normal seasonal trend would have been an increase of about 0.4 hours.

The average weekly overtime hours, too, decreased in November, by 0.9 hours. An increase of about 0.2 hours would have been seasonally normal.

Coupled with the shorter workweek was a 6,600 decrease in the manufacturing employment level. However, about half of that is a normal seasonal decline.

The average weekly number of initial claims for unemployment compensation increased by nearly 5,200 in November, a 76.0 percent growth from the previous month. A large increase in the initial claims level is normal for November, however, and over 90.0 percent of this month's increase is due to usual seasonal factors.

The total number of job openings received by public Job Service offices throughout the state decreased by 1,101 in November. That is less than seasonally normal. Were this month's job orders governed only by seasonal factors, a decrease of 1,875 would have resulted.

New business incorporations decreased by 106 this month, more than usual for the month. Also, the net gain in business telephone access lines declined more than normal for November.

The number of commercial and industrial building plans examined decreased by 92 this month. But that is a less-than-normal decrease for November, so the trend is up a bit.

Section

A WISCONSIN ECONOMIC INDICATORS

	Unit	Monthly Series			% Change		Avg.
		Latest Month		Mo. Ago	Yr. Ago	Mo. Ago	Yr. Ago	1989
LEADING INDICATORS								
L1 COMPOSITE INDEX OF LEADING INDICATORS								
Seasonally Adjusted	Index	NOV	96.1	100.6	102.5	-4.5%	-6.2%	106.5
L2 AVG. WORK WEEK, MFG.								
Unadjusted	Hours	NOV	40.7	41.7	41.0	-2.4%	-0.7%	41.5
Seasonally Adjusted			40.2	41.6	40.5	-3.4%	-0.7%	
L3 AVG. OVERTIME HOURS, MFG.								
Unadjusted	Hours	NOV	3.4	4.3	3.5	-20.9%	-2.9%	3.9
Seasonally Adjusted			3.2	4.2	3.3	-23.8%	-3.0%	
L4 AVG. WEEKLY INITIAL CLAIMS								
Unadjusted	Number	NOV	12040	6842	9500	76.0%	26.7%	7425
Seasonally Adjusted			9046	8738	7137	3.5%	26.7%	
L5 TOTAL JOB OPENINGS RECEIVED								
Unadjusted	Number	NOV	5808	6909	5409	-15.9%	7.4%	7383
Seasonally Adjusted			6616	5734	6164	15.4%	7.3%	
L6 NEW BUSINESS INCORPORATIONS								
Unadjusted	Number	NOV	515	621	507	-17.1%	1.6%	602
Seasonally Adjusted			595	670	586	-11.2%	1.5%	
L7 NET GAIN IN BUSINESS TELEPHONE ACCESS LINES								
Unadjusted	Number	NOV	1526	2583	1938	-40.9%	-21.3%	2784
Seasonally Adjusted			2551	2655	2637	-3.9%	-3.3%	
L8 BUILDING PLANS EXAMINED								
Unadjusted	Number	NOV	627	719	677	-12.8%	-7.4%	610
Seasonally Adjusted			582	531	628	9.6%	-7.3%	
COINCIDING INDICATORS								
C1 HELP-WANTED INDEX (MILW.)								
Seasonally Adjusted	Index	SEPT	74	71	73	4.2%	1.4%	88
C2 UNEMPLOYMENT RATE, TOTAL								
Unadjusted	Percent	NOV	4.0	3.7	4.0	.....	.....	4.4
Seasonally Adjusted			4.2	4.0	4.2	.....	.....	
C3 NATURAL GAS SALES								
Unadjusted	Mil.	SEPT	81.5	69.1	74.3	17.9%	9.7%	201.5
Seasonally Adjusted	Therms		193.6	186.3	176.4	3.9%	9.8%	
C4 NEW CAR REGISTRATIONS								
Unadjusted	Number	NOV	12,378	13,067	10,242	-5.3%	20.9%	14,665
Seasonally Adjusted			16,227	12,223	13,421	32.8%	20.9%	
C5 ELECTRIC POWER SALES								
Unadjusted	Mil.	SEPT	3435.9	3456.7	3325.2	-0.6%	3.3%	2982.3
Seasonally Adjusted	KWH		3498.9	3165.5	3387.6	10.5%	3.3%	
C6 TOTAL SECURITIES REGISTRATIONS								
Unadjusted	Mil. $	OCT	90.7	50.4	205.2	80.0%	-55.8%	145.7
Seasonally Adjusted			74.0	51.1	167.3	44.8%	-55.8%	

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A WISCONSIN ECONOMIC INDICATORS

	Unit	Monthly Series				% Change		Avg.
		Latest Month		Mo. Ago	Yr. Ago	Mo. Ago	Yr. Ago	1989
C7 MANUFACTURING EMPLOYMENT								
Unadjusted	Thous.	NOV	555.2	561.8	556.0	-1.2%	-0.1%	556.6
Seasonally Adjusted			555.8	559.0	556.3	-0.6%	-0.1%	
C8 AVG. WEEKLY EARNINGS, MFG.								
Unadjusted	Dollars	NOV	$453.81	$464.96	$446.08	-2.4%	1.7%	$446.49
Seasonally Adjusted			$444.91	$464.50	$437.29	-4.2%	1.7%	
C9 CASH RECEIPTS FROM FARM MKTG.								
Unadjusted	Mil. $	SEPT	504.6	525.8	487.0	-4.0%	3.6%	456.8
Seasonally Adjusted			479.2	518.5	462.6	-7.6%	3.6%	
C10 CONTRACT CONSTRUCTION EMPL.								
Unadjusted	Thous.	NOV	86.7	87.5	89.1	-0.9%	-2.7%	80.8
Seasonally Adjusted			82.1	79.6	84.4	3.1%	-2.7%	
OTHER KEY INDICATORS								
X1 BIRTH REGISTRATIONS								
Unadjusted	Number	NOV	5592	6513	5386	-14.1%	3.8%	5761
Seasonally Adjusted			6133	6127	5914	0.2%	3.8%	
X2 DEATH REGISTRATIONS								
Unadjusted	Number	NOV	3514	3795	3265	-7.4%	7.6%	3425
Seasonally Adjusted			3634	3709	3376	-2.0%	7.6%	
X3 NATURAL NET GAIN POPULATION								
Unadjusted	Number	NOV	2078	2718	2121	-23.5%	-2.0%	2336
Seasonally Adjusted			2507	2471	2558	1.5%	-2.0%	
X4 MARRIAGE REGISTRATIONS								
Unadjusted	Number	NOV	2623	5158	2608	-49.1%	0.6%	3353
Seasonally Adjusted			3214	3630	3196	-11.5%	0.6%	
X5 CONSUMER PRICE INDEX			(Jun '90)	(Dec '89)	(Jun '89)			
Unadjusted (1982-1984 = 100)	Index	JUN	123.9	121.2	120.3	2.2%	3.0%	120.8
X6 PRICES RECEIVED BY FARMERS								
Unadjusted	Index	NOV	136	143	164	-4.9%	-17.1%	149
Seasonally Adjusted			133	139	160	-4.3%	-16.9%	
X7 NET GAIN IN RESIDENTIAL TELEPHONE ACCESS LINES								
Unadjusted	Number	NOV	4034	2578	3541	56.5%	13.9%	1853
Seasonally Adjusted			3213	3766	2036	-14.7%	57.8%	
X8 LABOR DISPUTES, NO. OF WORKERS								
Unadjusted	Number	NOV	244	244	1,211	0.0%	-79.9%	375
Seasonally Adjusted			5,422	293	26,867	1750.5%	-79.8%	
X9 UNEMPLOYMENT COMPENSATION EXHAUSTEES								
Unadjusted	Number	NOV	8,797	8,995	9,169	-2.2%	-4.1%	10436
Seasonally Adjusted			9,796	9,682	10,209	1.2%	-4.0%	

Section

B LABOR FORCE ESTIMATES

WISCONSIN LABOR FORCE ESTIMATES NOVEMBER	(In Thousands)			% Change	
	Latest Month	Mo. Ago	Yr. Ago	Mo. Ago	Yr. Ago
Unadjusted					
CIVILIAN LABOR FORCE	2613.7	2615.1	2604.2	-0.1%	0.4%
Employment (incl. Labor Disputes)	2508.5	2517.2	2499.8	-0.3%	0.3%
Unemployment	105.2	97.8	104.3	7.6%	0.9%
Unemployment Rate	4.0%	3.7%	4.0%	.....	.....
Seasonally Adjusted					
CIVILIAN LABOR FORCE	2623.2	2608.7	2613.6	0.6%	0.4%
Employment (incl. Labor Disputes)	2513.5	2504.7	2504.8	0.4%	0.3%
Unemployment	109.7	104.0	108.8	5.5%	0.8%
Unemployment Rate	4.2%	4.0%	4.2%	.....	.....

WISCONSIN EMPLOYMENT ESTIMATES NOVEMBER Unadjusted	(In Thousands)			% Change	
	Latest Month	Mo. Ago	Yr. Ago	Mo. Ago	Yr. Ago
TOTAL NONFARM WAGE AND SALARY WORKERS	2301.2	2300.8	2269.3	0.0%	1.4%
Contract Construction	86.7	87.5	89.1	-0.9%	-2.7%
Manufacturing	555.0	561.4	554.8	-1.2%	0.0%
Transportation, Communication and Public Utilities	102.6	103.1	101.8	-0.5%	0.8%
Electric, Gas and Sanitary Services	17.0	17.1	17.3	-0.6%	-1.7%
Wholesale Trade	124.4	124.3	119.2	0.1%	4.4%
Retail Trade	425.3	423.9	421.7	0.3%	0.9%
General Merchandise	53.4	51.5	55.6	3.7%	-4.0%
Food Stores	64.1	63.3	62.4	1.3%	2.7%
Auto Dealers & Service Stations	45.7	46.0	44.7	-0.7%	2.2%
Finance, Insurance and Real Estate	121.8	121.5	119.2	0.2%	2.2%
Banks & Depository Institutions	39.7	39.6	39.6	0.3%	0.3%
Insurance Carriers	43.3	43.2	41.7	0.2%	3.8%
Service and Miscellaneous	526.9	525.9	515.8	0.2%	2.2%
Business Services	80.3	80.1	82.3	0.2%	-2.7%
Health Services	185.4	184.6	177.8	0.4%	3.8%
Hospitals	78.1	77.8	75.1	0.4%	4.0%
Private Education	28.2	27.6	27.3	2.2%	3.3%
Social Services	43.0	42.5	39.6	1.2%	8.6%
Government	356.1	350.4	345.2	1.6%	3.2%
State Government	92.9	92.1	89.7	0.9%	3.6%
Local Government	233.9	229.0	226.6	2.1%	3.2%

UNITED STATES LABOR FORCE ESTIMATES DECEMBER	(In Thousands)			% Change	
	Latest Month	Mo. Ago	Yr. Ago	Mo. Ago	Yr. Ago
Seasonally Adjusted					
CIVILIAN LABOR FORCE	125,174	124,723	124,542	0.4%	0.5%
Employment (incl. Labor Disputes)	117,574	117,386	117,957	0.2%	-0.3%
Unemployment	7,600	7,337	6,585	3.6%	15.4%
Unemployment Rate	6.1%	5.9%	5.3%	.....	.....

MANUFACTURING EMPLOYMENT Unadjusted NOVEMBER	(In Thousands)			% Change	
	Latest Month	Mo. Ago	Yr. Ago	Mo. Ago	Yr. Ago
All Manufacturing	555.0	561.6	554.8	-1.2%	0.0%
Durable Goods	330.3	333.6	335.3	-1.0%	-1.5%
Lumber and Wood Products (Excl. Furniture)	26.2	27.0	26.5	-3.0%	-1.1%
Millwork, Plywood & Related	14.3	15.0	14.5	-4.7%	-1.4%
Furniture and Fixtures	12.5	12.5	12.5	0.0%	0.0%
Stone, Clay, and Glass Products	8.0	8.3	8.0	-3.6%	0.0%
Primary Metal Industries	21.8	21.9	22.0	-0.5%	-0.9%
Iron and Steel Foundries	11.6	11.6	11.5	0.0%	0.9%
Fabricated Metal Products	60.8	60.8	59.1	0.0%	2.9%
Fabricated Structural Metal Products	14.3	13.9	13.9	2.9%	2.9%
Metal Stampings	13.6	13.6	12.6	0.0%	7.9%
Industrial Machinery	107.7	108.2	110.0	-0.5%	-2.1%
Engines and Turbines	14.5	14.5	16.3	0.0%	-11.0%
Farm & Garden Machinery	12.0	12.6	12.1	-4.8%	-0.8%
Construction & Related Machinery	12.6	12.5	12.6	0.8%	0.0%
Metalworking Machinery	16.3	16.3	16.0	0.0%	1.9%
Special Industry Machinery	13.4	13.3	13.6	0.8%	-1.5%
Gen. Industrial Mach. and Equip.	13.7	13.8	13.4	-0.7%	2.2%
Electronic & Other Electrical Machinery	35.6	36.0	38.1	-1.1%	-6.6%
Electrical Industrial Apparatus	13.1	13.1	13.7	0.0%	-4.4%
Transportation Equipment	25.5	26.6	27.3	-4.1%	-6.6%
Motor Vehicles and Equipment	18.0	18.8	19.5	-4.3%	-7.7%
Instrument and Related Products	20.6	20.8	21.2	-1.0%	-2.8%
Miscellaneous Manufacturing	11.6	11.4	10.6	1.8%	9.4%
Nondurable Goods	224.7	228.0	219.5	-1.4%	2.4%
Food and Kindred Products	63.8	67.4	62.3	-5.3%	2.4%
Meat Products	15.4	15.3	15.2	0.7%	1.3%
Dairy Products	17.4	17.1	17.5	1.8%	-0.6%
Preserved Fruits & Vegetables	12.3	16.5	10.5	-25.5%	17.1%
Textile Mill Products	3.9	4.0	4.2	-2.5%	-7.1%
Apparel and Other Textiles	7.1	7.2	7.2	-1.4%	-1.4%
Paper and Allied Products	51.0	51.0	50.2	0.0%	1.6%
Paper Mills	30.6	30.6	30.1	0.0%	1.7%
Printing, Publishing and Allied Products	47.6	47.0	46.2	1.3%	3.0%
Newspapers	13.3	13.2	13.0	0.8%	2.3%
Commercial Printing	22.1	21.7	21.1	1.8%	4.7%
Chemicals and Allied Products	10.8	10.9	10.5	-0.9%	2.9%
Rubber and Misc. Plastics Products	33.8	34.0	31.9	-0.6%	6.0%
Miscellaneous Plastics Products	27.3	27.5	25.6	-0.7%	6.6%
Leather & Leather Products	6.5	6.4	6.7	1.6%	-3.0%

Section

C

WISCONSIN EARNINGS AND HOURS DATA

EARNINGS AND HOURS Unadjusted NOVEMBER	Average Weekly Earnings			Average Weekly Hours		
	Latest Mo.	Mo. Ago	Yr. Ago	Latest Mo.	Mo. Ago	Yr. Ago
All Manufacturing	$453.81	$464.96	$446.08	40.7	41.7	41.0
Durable Goods	451.47	469.83	443.90	40.6	41.8	40.8
Lumber and Wood Products (Excl. Furniture)	327.85	331.11	317.42	38.3	39.0	38.9
Furniture and Fixtures	358.60	372.00	360.86	39.8	40.7	40.5
Stone, Clay, and Glass Products	477.11	501.23	462.97	44.3	45.9	45.3
Primary Metal Industries	452.64	464.78	440.08	41.0	42.1	41.4
Iron and Steel Foundries	471.08	486.62	449.35	43.1	44.4	43.0
Fabricated Metal Products	431.90	445.42	411.49	40.9	42.1	40.1
Fabricated Structural Metal Products	437.30	468.03	440.37	41.1	43.7	41.9
Metal Stampings	454.30	469.48	441.08	42.3	44.0	41.3
Industrial Machinery	518.30	534.82	508.09	41.9	43.2	42.2
Engines and Turbines	549.02	556.63	529.72	39.9	40.6	40.1
Farm & Gardem Machinery	530.82	533.75	507.78	41.6	42.7	40.3
Construction & Related Machinery	572.77	626.18	576.94	45.1	47.8	45.5
Metalworking Machinery	555.95	563.68	551.24	42.7	42.8	42.6
Special Industry Machinery	545.71	557.48	521.77	42.6	44.0	43.3
Gen. Industrial Mach. and Equip.	467.73	468.60	437.86	42.1	42.6	41.9
Electronic & Other Electrical Machinery	401.17	412.27	396.17	40.4	40.9	40.8
Electrical Industrial Apparatus	402.80	414.32	405.62	40.2	40.9	40.4
Transportation Equipment	510.51	603.29	574.20	35.8	39.9	39.6
Instrument and Related Products	476.68	470.72	414.02	41.2	41.4	38.3
Nondurable Goods	458.08	458.43	448.67	40.9	41.6	41.2
Food and Kindred Products	426.59	413.34	425.39	40.9	41.5	41.1
Meat Products	385.42	392.35	386.68	40.4	40.7	39.7
Dairy Products	438.68	436.11	428.03	41.7	42.3	41.8
Textile Mill Products	366.10	371.33	354.38	38.7	40.1	41.4
Apparel and Other Textiles	287.73	268.93	272.05	39.2	37.3	39.6
Paper and Allied Products	610.05	625.57	614.27	43.7	45.2	45.2
Paper Mills	672.58	683.62	672.39	45.2	46.6	46.5
Printing, Publishing and Allied Products	468.47	470.05	439.37	39.4	39.7	39.3
Chemicals and Allied Products	437.81	436.59	398.66	40.5	40.5	39.2
Rubber and Misc. Plastics Products	356.72	368.28	349.05	39.2	39.9	39.0
Leather & Leather Products	274.28	291.40	260.25	38.2	39.7	37.5

AVERAGE HOURLY EARNINGS Unadjusted NOVEMBER	Including Overtime			Excluding Overtime		
	Latest Mo.	Mo. Ago	Yr. Ago	Latest Mo.	Mo. Ago	Yr. Ago
All Manufacturing (Incl. Canning)	$11.15	$11.15	$10.88	$10.70	$10.60	$10.44
Durable Goods	11.12	11.24	10.88	10.74	10.74	10.50
Lumber and Wood Products (Excl. Furniture)	8.56	8.49	8.16	8.34	8.27	7.94
Furniture and Fixtures	9.01	9.14	8.91	8.78	8.84	8.75
Stone, Clay, and Glass Products	10.77	10.92	10.22	10.11	9.49	9.52
Primary Metal Industries	11.04	11.04	10.63	10.52	10.50	10.18
Iron and Steel Foundries	10.93	10.96	10.45	10.37	10.33	9.93
Fabricated Metal Products	10.56	10.58	10.26	10.16	10.07	9.90
Fabricated Structural Metal Products	10.64	10.71	10.51	10.30	10.17	10.13
Metal Stampings	10.74	10.67	10.68	10.50	10.26	10.25
Industrial Machinery	12.37	12.38	12.04	11.94	11.84	11.55
Engines and Turbines	13.76	13.71	13.21	13.37	13.26	12.87
Farm & Garden Machinery	12.76	12.50	12.60	12.46	12.10	12.30
Construction & Related Machinery	12.70	13.10	12.68	12.31	12.45	12.03
Metalworking Machinery	13.02	13.17	12.94	12.43	12.53	12.39
Special Industry Machinery	12.81	12.67	12.05	12.26	12.02	11.41
Gen. Industrial Mach. and Equip.	11.11	11.00	10.45	10.59	10.55	10.04
Electronic & Other Electrical Machinery	9.93	10.08	9.71	9.59	9.75	9.38
Electrical Industrial Apparatus	10.02	10.13	10.04	9.76	9.85	9.86
Transportation Equipment	14.26	15.12	14.50	14.05	14.44	14.08
Instrument and Related Products	11.57	11.37	10.81	11.23	11.04	10.68
Nondurable Goods	11.20	11.02	10.89	10.65	10.41	10.35
Food and Kindred Products	10.43	9.96	10.35	9.88	9.31	9.79
Meat Products	9.54	9.64	9.74	9.12	9.11	9.26
Dairy Products	10.52	10.31	10.24	9.93	9.72	9.69
Textile Mill Products	9.46	9.26	8.56	9.27	8.84	8.26
Apparel and Other Textiles	7.34	7.21	6.87	7.18	7.13	6.67
Paper and Allied Products	13.96	13.84	13.59	13.16	13.01	12.79
Paper Mills	14.88	14.67	14.46	13.98	13.83	13.57
Printing, Publishing and Allied Products	11.89	11.84	11.18	N.A.	N.A.	N.A.
Chemicals and Allied Products	10.81	10.78	10.17	10.34	10.34	9.90
Rubber and Misc. Plastics Products	9.10	9.23	8.95	8.77	8.83	8.61
Leather & Leather Products	7.18	7.34	6.94	6.97	7.03	6.77

Section

C

SUMMARY OF AREA DATA

MANUFACTURING EMPLOYMENT Unadjusted NOVEMBER	(In Thousands)			% Change	
	Latest Month	Mo. Ago	Yr. Ago	Mo. Ago	Yr. Ago
United States	18835.0	19041.0	19391.0	-1.1%	-2.9%
Wisconsin	555.0	561.6	554.8	-1.2%	0.0%
Appleton-Oshkosh (Calumet-Winnebago-Outagamie)	53.5	54.1	53.7	-1.1%	-0.4%
Eau Claire (Eau Claire-Chippewa)	10.9	10.5	11.5	3.8%	-5.2%
Green Bay (Brown County)	24.8	25.1	24.8	-1.2%	0.0%
Janesville-Beloit (Rock Co.)	17.8	17.7	18.1	0.6%	-1.7%
Kenosha (County)	8.9	9.7	9.9	-8.2%	-10.1%
La Crosse (County)	10.1	10.2	10.6	-1.0%	-4.7%
Madison (Dane County)	26.4	26.3	25.0	0.4%	5.6%
Milwaukee (Milwaukee-Ozaukee-Washington-Waukesha)	172.3	172.5	175.0	-0.1%	-1.5%
Racine (County)	25.9	26.0	26.5	-0.4%	-2.3%
Sheboygan (County)	22.2	22.4	22.0	-0.9%	0.9%
Wausau (Marathon County)	15.2	15.3	15.2	-0.7%	0.0%

EARNINGS AND HOURS, MFG. Production Workers (Unadjusted) NOVEMBER	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings			
							Incl. Overtime		Excl. Overtime	
	Latest Month	Month Ago	Year Ago	Latest Month	Month Ago	Year Ago	Latest Month	Month Ago	Latest Month	Month Ago
United States	$447.58	$447.86	$435.25	40.8	40.9	41.1	$10.97	$10.95	.....	.....
Wisconsin	453.81	464.96	446.08	40.7	41.7	41.0	11.15	11.15	10.70	10.60
Appleton-Oshkosh (Calumet-Winnebago-Outagamie)	518.87	523.31	512.13	42.6	43.5	43.0	12.18	12.03	11.44	11.32
Eau Claire (Eau Claire-Chippewa)	487.77	514.51	463.68	42.6	43.9	42.0	11.45	11.72	10.93	11.16
Green Bay (Brown County)	503.48	499.38	484.92	41.1	42.5	41.2	12.25	11.75	11.59	11.07
Janesville-Beloit (Rock Co.)	431.90	451.78	508.94	35.0	36.7	39.3	12.34	12.31	11.91	11.70
Kenosha (County)	453.60	477.77	436.54	40.0	40.8	38.7	11.34	11.71	10.93	11.26
La Crosse (County)	410.89	414.92	383.18	41.8	41.7	39.3	9.83	9.95	9.45	9.54
Madison (Dane County)	429.14	430.34	404.61	40.6	41.7	40.3	10.57	10.32	10.08	9.82
Milwaukee (Milwaukee-Ozaukee-Washington-Waukesha)	484.62	493.38	481.07	41.0	41.6	41.4	11.82	11.86	11.27	11.29
Racine (County)	470.45	474.80	433.87	39.6	40.0	39.3	11.88	11.87	11.31	11.31
Sheboygan (County)	457.03	488.61	446.78	41.1	44.5	41.6	11.12	10.98	10.79	10.38
Wausau (Marathon County)	469.27	483.91	445.00	42.7	43.4	42.3	10.99	11.15	10.50	10.60

EMPLOYMENT CHANGE VARIES BY INDUSTRY AND PLACE

...employment changes
are not evenly distributed
among industries or locations.

by Joseph Tumpach, Jr.

Change during the business cycle, the ups and downs of the economy, do not produce employment changes that are evenly distributed among the various industries. Employment growth or decline in some industries is much greater or more rapid than in other industries. And, in fact, some industries increase employment while others decrease.

Some industries, as certain manufacturing industries, seem particularly susceptible to swings of the business cycle. Others, as the health service industries, have been in the midst of long-term growth that seemingly make them resistent to the shorter-term changes in economic conditions.

The business cycle's differing influence on selected industries helps explain why some regions and some states more severely feel a national recession or more richly gain during economic prosperity.

During the 1980's, it was generally true that goods producing industries ... manufacturing, construction and mining ... lost large numbers of employes during recessions in the first years of the decade. Manufacturing was particularly affected. Much of the manufacturing employment loss, however, was due to increased competition from more efficient foreign producers of goods, particularly durable goods producers.

In the same ten years, the service-producing industries enjoyed nearly uninterrupted growth of employment. Health care services expanded employment as a growing and aging population became more concerned about health. And the personal service industry, trade industries, and the finance, insurance and real estate industries expanded employment as women continued to enter the labor force, resulting in two earner households with greater purchasing power, but with less discretionary time. Part of the employment expansion in service-producing industries resulted because services, more so than goods, are produced and consumed locally. That is, there are few foreign imported services. Employers in service-producing industries were less pressured than manufacturers to gain efficiencies, and so, the service-producing industries showed consistent employment growth.

That may change. Many who study and analyze labor trends now see a reversal. With the next business slowdown, manufacturing industries will have already achieved a trim and efficient workforce and it will be the service-producing industries, they say, that will need to lay off significant numbers of workers. Still while some services are easily postponed by a population with a high unemployment rate, manufacturing would not escape a slowdown.

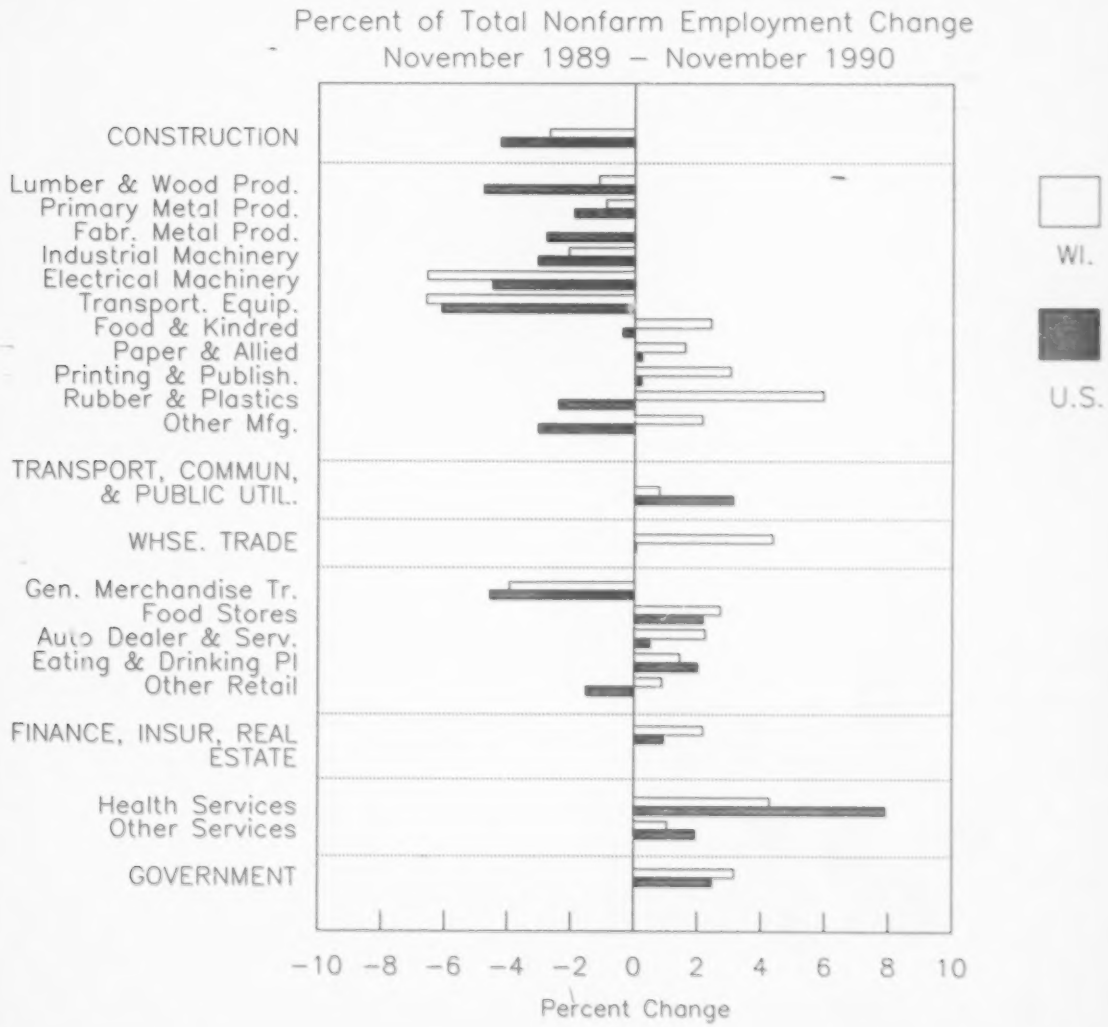
Durable goods production, especially, will be scaled back as consumers forestall purchases of new cars, new

appliances and, generally, equipment that can be repaired rather than replaced.

A look at employment changes in Wisconsin and in the nation-as-a-whole from November of 1989 to November of 1990 clearly shows differences among industries.

In general, those industries which did well nationally also did well within the state; they gained employment. And those which lost employment throughout the nation tended to lose employment in Wisconsin.

What is noteworthy is that in many of those industries in which Wisconsin has more than its share of national employment, the national employment level increased, or decreased only slightly. And, correspondingly, state employment in those industries fared well. Such is the case in the paper and allied products industry, in the printing and publishing industry and in the food and kindred products industry. Also, in many industries in which Wisconsin has a concentration, the national employment level decreased severely while the state's decline was mild.



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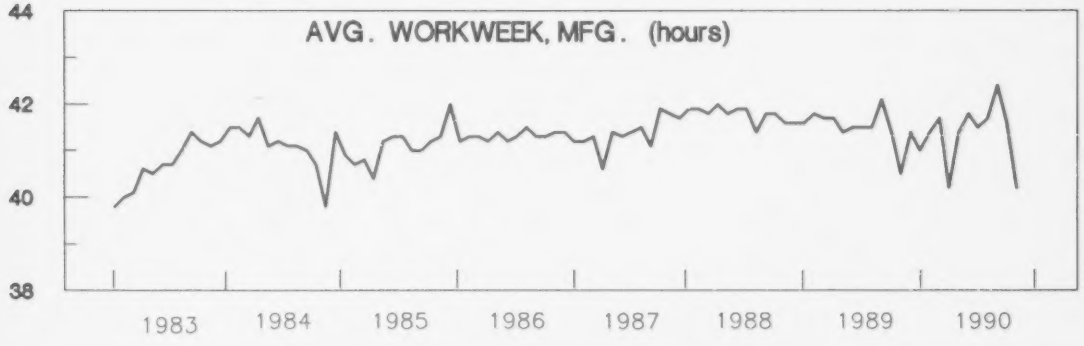

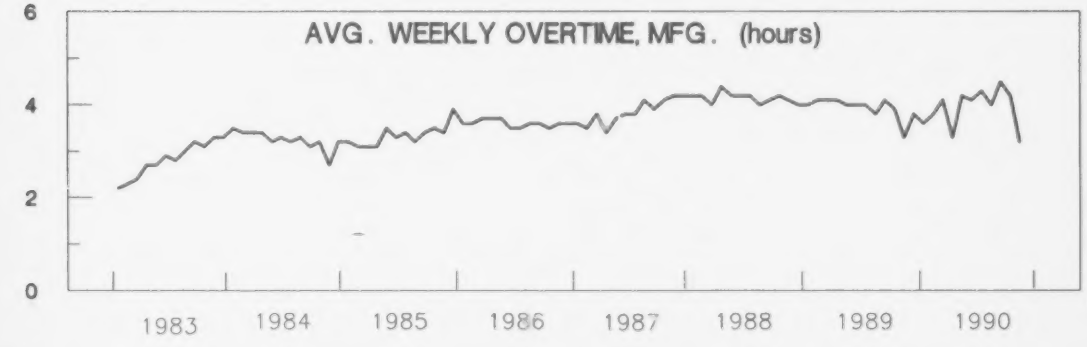

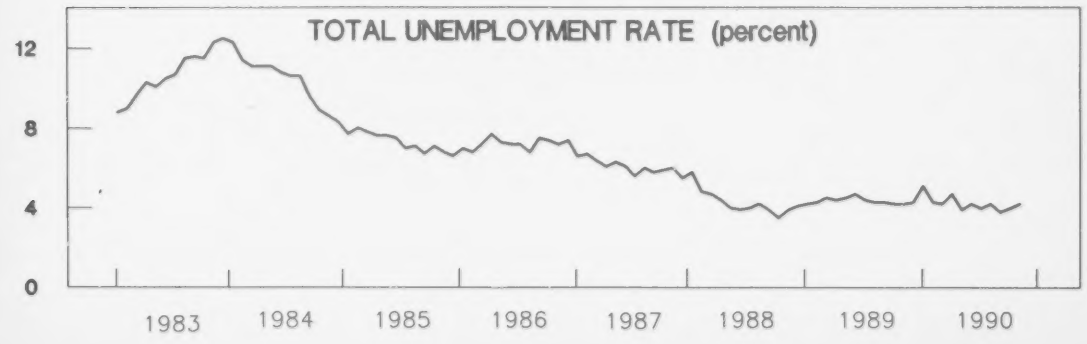

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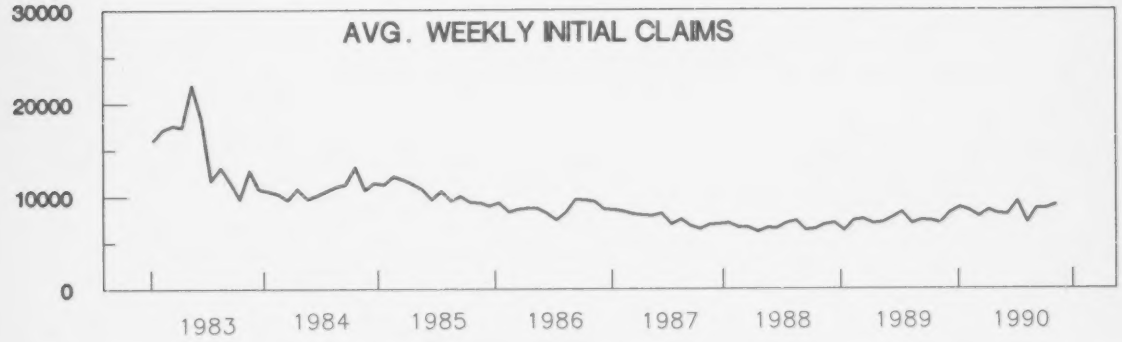

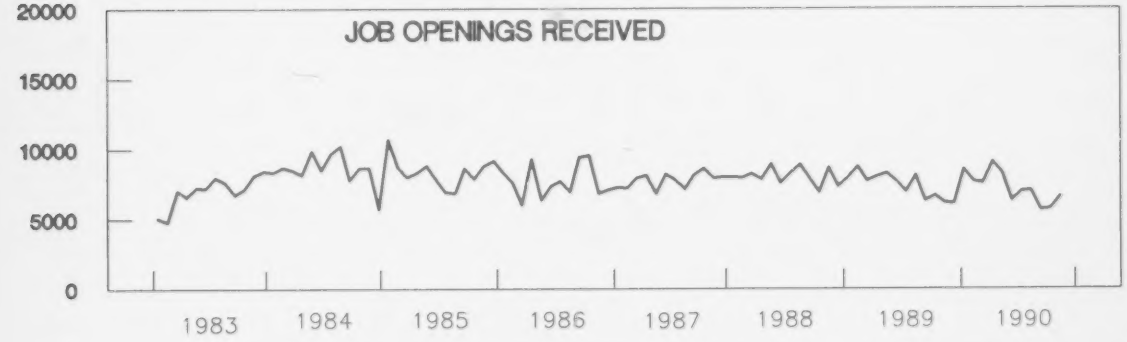

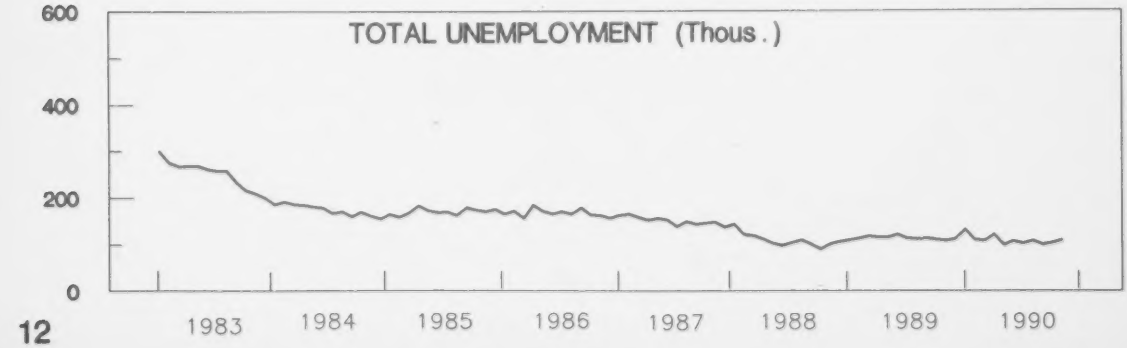

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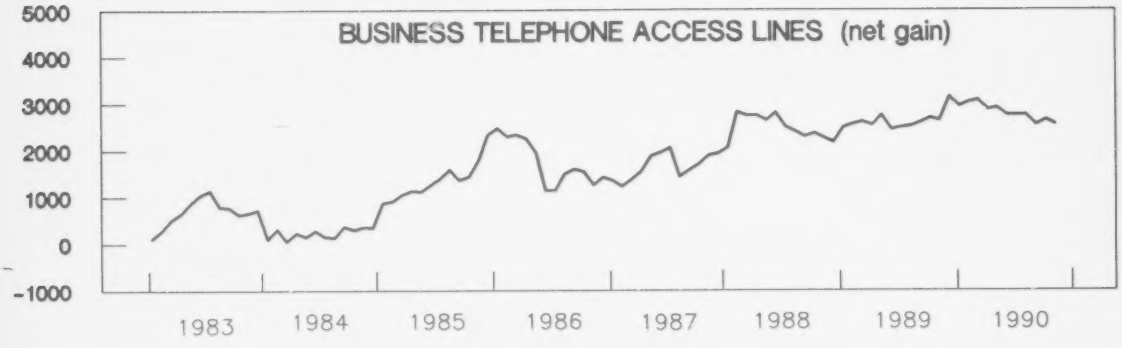

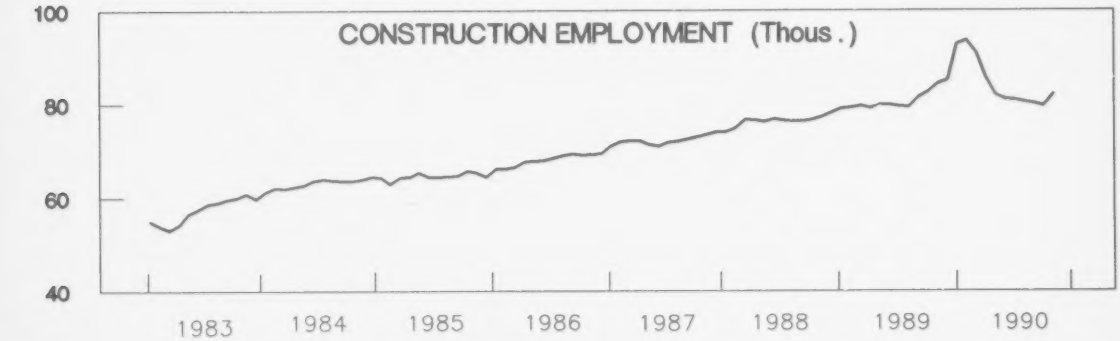

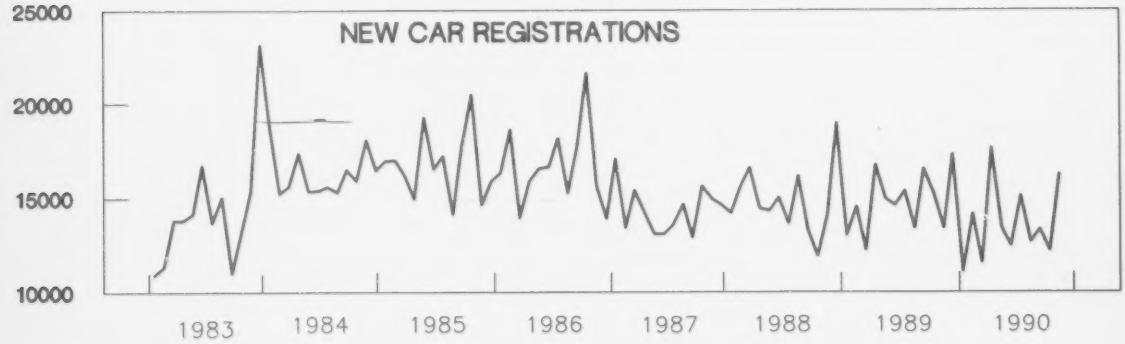

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